

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	449627	message	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L2	13012	message ADJ type	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L3	40900	(message NEAR5 type)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L4	36	(message NEAR5 type) AND (message WITH (frequ\$3 OR often) WITH (threshold OR limit) WITH exceed)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L5	8	(message NEAR5 type) AND (message NEAR5 (frequ\$3 OR often) NEAR5 (threshold OR limit) NEAR5 exceed)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L6	1675	455/445.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L7	1792	455/466.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L8	917	(L6 OR L7) AND (message NEAR5 type)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L9	1006	(L6 OR L7) AND (message NEAR5 (type OR class OR kind))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27

## EAST Search History

L10	3701	SGSN	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L11	206	SGSN AND (serving ADJ general ADJ packet ADJ radio ADJ service ADJ support ADJ node)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L12	15	((SGSN OR (serving ADJ general ADJ packet ADJ radio ADJ service ADJ support ADJ node)) WITH (restart OR re-start OR reboot)) AND message	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L13	183	((SGSN OR (serving ADJ general ADJ packet ADJ radio ADJ service ADJ support ADJ node)) WITH (restart OR re-start OR reboot OR start)) AND message	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L14	18	((SGSN OR (serving ADJ general ADJ packet ADJ radio ADJ service ADJ support ADJ node)) WITH (restart OR re-start OR reboot))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L15	20	((SGSN OR (serving ADJ general ADJ packet ADJ radio ADJ service ADJ support ADJ node)) WITH (restart OR re-start OR reboot OR (start NEAR5 again)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L16	190	((SGSN OR (serving ADJ general ADJ packet ADJ radio ADJ service ADJ support ADJ node)) WITH (start))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L17	135	((SGSN OR (serving ADJ general ADJ packet ADJ radio ADJ service ADJ support ADJ node)) NEAR5 (start))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L18	0	((SGSN OR (serving ADJ general ADJ packet ADJ radio ADJ service ADJ support ADJ node)) WITH (power NEAR5 (cycle OR interrupt\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L19	10	BSS WITH (re-start OR restart)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27

## EAST Search History

L20	284	(base ADJ station) WITH (re-start OR restart)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L21	165	(base ADJ station) NEAR5 (re-start OR restart)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L22	0	BSS NEAR3 power NEAR3 cycle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L23	108	BSS NEAR3 power	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L24	3701	SGSN	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L25	1	SGSN WITH (computing ADJ resources)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L26	1	SGSN SAME (free ADJ memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L27	73	SGSN WITH memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L28	2297	CPU ADJ load	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L29	447	encrypt\$3 ADJ header	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27

## EAST Search History

L30	252	(encrypt\$3 ADJ header) AND (cell OR cellular OR wireless OR mobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L31	613263	(message or SMS or email)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L32	26696	((process\$3 or microprocess\$3 or cpu or chip or microchip) near5 (overload\$3 or crash\$3 or tax\$3 or burden\$3 or overwork\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L33	952444	(packet or internet or intranet or web)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L34	1430637	((exceed\$ or greater or more or beyond or higher or surpass\$3) near5 (threshold or limit or amount or quantity or level or maximum))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L35	18528	((message or SMS or email) near5 (discard\$3 or (throw\$3 adj away) or dispos\$3 or delet\$3 or eras\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L36	74332	((switch or server or node or system or (base adj station) or process\$3 or cpu) near5 (congest\$3 or overload\$3 or crash\$3 or tax\$3 or burden\$3 or overwork\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L37	1366528	((exceed or greater or more or beyond or higher or surpass\$3) near5 (threshold or limit or amount or quantity or level or maximum))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L38	2804792	(discard\$3 or (throw\$3 adj away) or dispos\$3 or delet\$3 or eras\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27

## EAST Search History

L39	2138	(370/230.ccls. or 370/232.ccls. or 370/235.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L40	18	(SGSN or (serving adj general adj packet adj radio adj service adj support adj node)) with (restart\$3 or reboot\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L41	1	BSS NEAR3 power NEAR3 down	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L42	1	SGSN WITH (free ADJ memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L43	1	L32 with L34 with L35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L44	2	(encrypt\$3 ADJ header) AND (cell OR cellular OR wireless OR mobile) AND message AND SGSN	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L45	2	(encrypt\$3 ADJ header) AND message AND SGSN	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L46	2	"5138311".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L47	2	"5390299".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L48	2	"5475870".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27

## EAST Search History

L49	2	"5479481".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L50	2	"5867787".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L51	2	"5912884".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L52	2	"5970412".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L53	2	"6044260".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L54	8	(message NEAR5 type) AND (message NEAR5 (frequen\$3 OR often) NEAR5 (threshold OR limit) NEAR5 exceed)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L55	28	L4 NOT L5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L56	6	(L6 OR L7) AND (message NEAR5 (type OR class OR kind)) AND (message WITH (receipt OR reception) WITH (threshold OR limit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L57	30	(message NEAR5 (kind OR format OR class)) AND (message WITH (frequen\$3 OR often) WITH (threshold OR limit) WITH exceed)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L58	45	(message NEAR5 (kind OR format OR class)) AND (message WITH (frequen\$3 OR often) WITH (threshold OR limit) WITH (exceed OR greater OR more OR over))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27

## EAST Search History

L59	11	((SGSN OR (serving ADJ general ADJ packet ADJ radio ADJ service ADJ support ADJ node)) NEAR5 (restart OR re-start)) AND message	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L60	15	((SGSN OR (serving ADJ general ADJ packet ADJ radio ADJ service ADJ support ADJ node)) WITH (restart OR re-start)) AND message	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L61	18	((SGSN OR (serving ADJ general ADJ packet ADJ radio ADJ service ADJ support ADJ node)) WITH (restart OR re-start))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L62	3	L61 NOT L60	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L63	2	L15 NOT L14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L64	18	((SGSN OR (serving ADJ general ADJ packet ADJ radio ADJ service ADJ support ADJ node)) WITH (power))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L65	98	((SGSN OR (serving ADJ general ADJ packet ADJ radio ADJ service ADJ support ADJ node)) NEAR3 (start))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L66	21	((SGSN OR (serving ADJ general ADJ packet ADJ radio ADJ service ADJ support ADJ node)) NEAR3 (off))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L67	10	BSS NEAR5 (re-start OR restart)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L68	100	((base ADJ station) NEAR5 (re-start OR restart)) AND message	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27

## EAST Search History

L69	2	BSS NEAR3 power NEAR3 off	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L70	2	BSS NEAR3 (turn ADJ off)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L71	7	BSS WITH (turn ADJ off)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L72	4	SGSN WITH (processing ADJ resources)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L73	7	SGSN WITH (available NEAR5 memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L74	4	(SGSN WITH memory) AND (SGSN WITH CPU)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L75	13	SGSN WITH CPU	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L76	11	(CPU ADJ load) AND SGSN	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L77	5	L32 same L34 same L35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L78	78	L36 same (L37 with L38)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27



## EAST Search History

L79	19	(370/230.ccls. or 370/232.ccls. or 370/235.1.ccls.) and ((L37 with L38) same L36)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L80	11	(SGSN or (serving adj general adj packet adj radio adj service adj support adj node)) near5 (restart\$3 or reboot\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L81	7	L40 not L80	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L82	56	(SGSN or (serving adj general adj packet adj radio adj service adj support adj node)) near5 (off or down)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L83	103	BSS NEAR5 (start OR re-start)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L84	167	SGSN AND (serving ADJ general ADJ packet ADJ radio ADJ service ADJ support ADJ node) AND message	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L85	127	L17 NOT L15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L86	110	((base ADJ station) NEAR2 (re-start OR restart))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L87	121	(encrypted ADJ header) AND (cell OR cellular OR wireless OR mobile) AND message	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L88	156	(370/230.ccls. or 370/232.ccls. or 370/235.1.ccls.) and (L37 with L38)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27

## EAST Search History

L89	209	(encrypt\$3 ADJ header) AND (cell OR cellular OR wireless OR mobile) AND message	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L90	2	09/918331	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L91	1	"6496694".PN.	USPAT; USOCR	OR	ON	2006/07/12 17:27
L92	613263	(message or sms or email)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L93	252053	((importan\$2 or priority) near5 (high\$2 or low\$2 or level or threshold or value or degree or how))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27
L94	41107	((process\$3 or cpu or node or (base adj station)) near5 (overload\$3 or overburden\$3 or traffic or congest\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 17:27